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Docket No. 5252-451001

11046 U.S. PTO
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application
Assistant Commissioner for Patents
Washington, D.C. 20231

Re: Inventor(s): Boguslaw A. Swedek, Manoocher Birang, Nils Johansson
Title: INTEGRATED ENDPOINT DETECTION SYSTEM WITH OPTICAL AND EDDY CURRENT MONITORING

Transmitted herewith is the patent application identified above, including:

Specification, claims and abstract, totaling 21 pages.
 Drawings totaling 11 pages, Formal Informal.
 Executed Declaration and Power of Attorney, 3 pages
 Assignment of the invention to Applied Materials, Inc., 2 pages
 Assignment Recordation Cover Sheet, including fee of \$40 to be charged to Deposit Account 50-1074.

FEE CALCULATION

Fee Items	Claims Filed	Included With Basic Fee	Extra Claims	Fee Rate	Total
Total Claims	20	- 20 =	0	X \$18.00	\$0.00
Independent Claims	5	- 3 =	2	X \$80.00	\$160.00
Basic Filing Fee					\$ 710.00
TOTAL FEES					\$870.00

The Commissioner is hereby authorized to charge \$910.00 to Deposit Account No. 50-1074.
 The Commissioner is hereby authorized to charge any additional fees, which may be required, or credit any overpayment to Deposit Account No. 50-1074. A duplicate copy of this transmittal is enclosed.
 Please address all future correspondence to:

**PATENT COUNSEL
APPLIED MATERIALS, INC.
Legal Affairs Department
P.O.BOX 450A
Santa Clara, CA. 95052**

I hereby certify that this correspondence is being deposited with the United States Postal Service as express mail in an envelope addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

Express Mail Receipt No. EL661804935US

Date of Deposit 5-2-01

Signature Robert W. Mulcahy

Respectfully submitted,

Robert W. Mulcahy
Registration No. 25,436